

Review of Algebra I

Date _____

Solve each equation.

1) $-12 = 7k - 6 + 1$

2) $-5n + n = -8$

3) $-2x - 7x = 0$

4) $8(-7p - 5) = -320$

5) $-95 = 5(-2x - 7)$

6) $6 - 2m = 6 + m - 3m$

7) $-n + 6 = 7 - 2n$

Evaluate each expression.

8) $(7 - 1) \div 6$

9) $(2 \times 2) \div 2$

10) $18 \div (3 \times 2)$

11) $(4 + 1)^2$

12) $(1 + 2)^2$

Simplify each expression.

13) $3 + a + 9a$

14) $-7n + 10n$

15) $8x - 9x$

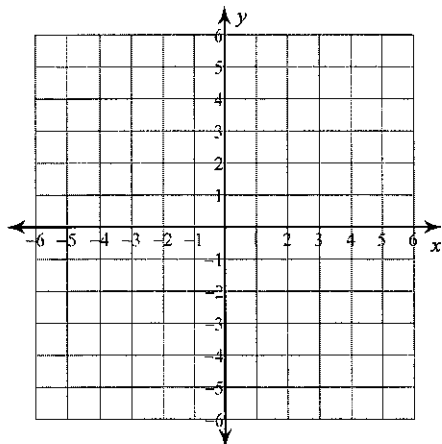
16) $-3 + 8(7x - 1)$

17) $-9(2 + 5p) + 8$

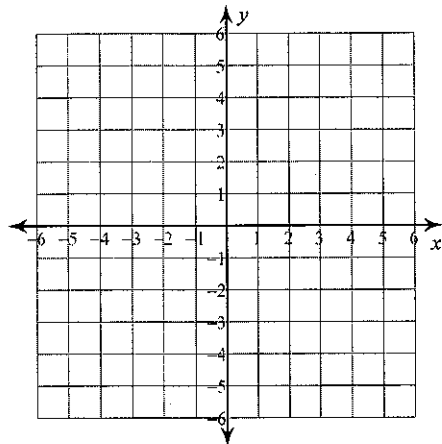
18) $-(k + 1) - 1$

Sketch the graph of each line.

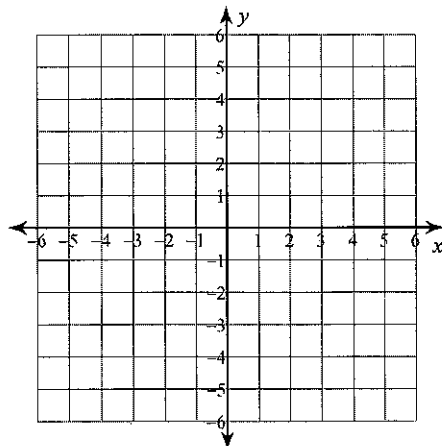
19) $y = \frac{1}{2}x - 2$



20) $y = -\frac{1}{4}x + 1$



21) $y = -\frac{4}{3}x - 4$



22) $y = x - 1$

